# Use Attainability Analysis

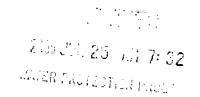
for

WBID 2411 E. Fk. Rock Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 25, 2005



### Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): East Fork Rock Creek
8-digit HUC: 11010001
Missouri WBID #: 2411
County: Barry
Upstream Legal Description: 31,23N,25W
Downstream Legal Description: 13,22N,26W
Upstream Coordinates: 438060E 4054730N
Downstream Coordinates: 437240E 4051375N
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Jeff Woodward Gene Campbell (417)888-4029
Organization: DNR SWCP
Position: Soil Scientist III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:_	mul	Date
-	9 6-22-48	

#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	1-01		Site Location D	escription: Forest Service R	load creek crossing		
Site GPS Coordinates:	438060E 4054730N						
Date & Time: 6-22-05	1:15PM		Facility Name:	Facility Name:			
Personnel: Jeff Woodw	ard		Permit Number:	Permit Number: Weather Conditions for Past 7 days: Hot & Sunny			
Current Weather Condit	tions: 85 sunny		Weather Condit				
Photo Ids: Upstream: v	vbu2411-01 Do	wnstream;	wbd2411-01 Othe	er.			
es Observed*:							
Swimming	Skin diving		SCUBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		Boating	Wading	Rafting		
Hunting	Trapping	П	Fishing	None of the above	Other:		
Describe: (include num)	er of individuals re	creating, ire	squency of use, photo	-documentation of evidence	of recreational uses, et		
rrounding Conditio				-documentation of evidence			
rrounding Conditio		promote or					
rrounding Conditions of interest.)	ns*: (Mark all that	promote or	impede recreational s	uses. Attach photos of evide	nce or unusual		
rrounding Condition as of interest.) ☐ City/county parks	ns*: (Mark all that	promote or	impede recreational to conservation lands nal forests	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	promote or	impede recreational to conservation lands nal forests	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)  City/county parks	ns*: (Mark all that Playgrounds State parks Fence	promote or  MDC  Nation	impede recreational to conservation lands nal forests	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that  Playgrounds State parks Fence	promote or  MDC  Nation Steep	impede recreational s conservation lands nal forests slopes	uses. Attach photos of evide	nce or unusual  Campgrounds  Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

### Data Sheet B - Site Characterization

Page Two - WBID #2411-01:

Width (ft): Width (ft): Present?			Avg. Depth (	(II):	Max. Depth (ft):	
		Length (ft):	Avg. Depth (	(fi):	Max. Depth (ft):	
Present?		Length (ft):	Avg. Depth (	(ft):	Max. Depth (ft):	
	☐ Yes	⊠ No	Estimated (fi	t²/sec);		
m View	Physical	Dimensions:				
Width (ft):		Length (ft):	Avg. Depth (	(ft):	Max. Depth (ft):	
Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (fi):	
Present?	Yes	⊠ No	Estimated (fi	³/sec):		
			algal growth at the asse	essment site)		
	Sewage	Musky	Chemical	⊠ None	Other:	
	Clear	Green	Gray	Milky	Other; Dry	
	Sludge	Solids	Fine sediments	None None	Other:	
osit:	1 manage		The state of the s	Ed carrie	Other:	
	Width (ft): Width (ft): Present? These value Cobble tation*:	Width (ft):  Width (ft):  Present?  Yes  These values should Cobble 909  tation*: (note amo	Width (ft): Length (ft):  Width (ft): Length (ft):  Present?  Yes  No  These values should add up to 100%.)  Cobble  90% Gravel  tation*: (note amount of vegetation or ceristics*: (Mark all that apply.)  Sewage  Musky  Clear  Green	Width (ft): Length (ft): Avg. Depth (ft)	Width (ft): Length (ft): Avg. Depth (ft):  Width (ft): Length (ft): Avg. Depth (ft):  Present? Yes No Estimated (ft³/sec):  These values should add up to 100%.)  Cobble 90% Gravel % Sand % Silt  tation*: (note amount of vegetation or algal growth at the assessment site)  cteristics*: (Mark all that apply.)  Sewage Musky Chemical None  Clear Green Gray Milky	Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Present?

WBID 2411 Downstream #1







#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	1-02		Site Location I	Site Location Description: Forest Service Road creek crossing			
Site GPS Coordinates:	437840E 4054000	1					
Date & Time: 6-22-05	1:00PM		Facility Name:	Facility Name:			
Personnel: Jeff Woodw	ard		Permit Number	Permit Number: Weather Conditions for Past 7 days: Hot & Sunny			
Current Weather Condit	ions: 85 sunny		Weather Condi				
Photo Ids: Upstream: v	vbu2411-02 D	wnstream:	wbd2411-02 Oth	er: wbe2411-02			
es Observed*:	17.5						
Swimming	Skin diving		SCUBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	-	Boating	Wading	Rafting		
Hunting	Trapping		Fishing	None of the above	Other:		
Describe: (include fame	er of individuals r	creating, in	equency of use, photo	o-documentation of evidence	of recreational uses, et-		
rrounding Conditio		-		uses. Attach photos of evide			
rrounding Conditio		t promote or					
rrounding Conditions of interest.)	ns*: (Mark all tha	t promote or	impede recreational	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)	ns*: (Mark all tha	t promote or	impede recreational conservation lands	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all tha	t promote or	impede recreational conservation lands	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)  City/county parks	ns*: (Mark all tha	t promote or  MDC  Natio	impede recreational conservation lands	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all tha	t promote or  MDC  Natio	impede recreational conservation lands nal forests slopes	uses. Attach photos of evide  Urban areas  Nature trails  Other;	nce or unusual  Campgrounds  Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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# Data Sheet B - Site Characterization

Page Two - WBID #2411-02:

☐ Riffle Wi	idth (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft)	
Run Wi	idth (ft):		Length (ft):	Avg. Depth	(fi):	Max. Depth (ft)	
Pool Wi	idth (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft)	
⊠ Flow Pro	esent?	☐ Yes	⊠ No	Estimated (	ft³/sec):		
Downstream	View	Physica	Dimensions:				
Riffle Wi	idth (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft)	6
Run Wi	Width (ft): Length (ft):		Avg. Depth	(ft):	Max. Depth (ft)		
Pool Wi	idth (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft)	
⊠ Flow Pro	esent?	☐ Yes	⊠ No	Estimated (	ft <sup>3</sup> /sec):		
rate A. L. Arter	4.4.1	# CO	% Gravel	% Sand	% Silt	60/ March 1971 av	40% Bedrock
None	tion*:	(note amo	unt of vegetation or	algal growth at the ass		5% Mud/Clay	40% Delitock
uatic Vegeta None	tion*:	(note amo	unt of vegetation or	Control of the state of the sta	sessment site)	Other:	40% Deurock
natic Vegeta None	tion*:	(note amo	all that apply.)	algal growth at the ass		Other:	40% Delitock
None  ter Characte Odor:	tion*:	(note amo	unt of vegetation or	algal growth at the ass	Sessment site)		40% Deurock
None  Iter Characte Odor: Color:	eristic	(note amo	all that apply.)	algal growth at the ass	Sessment site)	Other:	40% Deuto
natic Vegeta None  Iter Characte Odor: Color: Bottom Deposi Surface Deposi mments: Plea	eristice	(note amo	all that apply.)  Musky Green Solids Scum Connal comments dely for removal of a conditions. Conse	Chemical Gray Fine sediments Foam (including informal a recreational use designmently, this information on that need furt	None None None None nation from integration but rather analysis or	Other: Other: Dry Other: Other:	m.

WBID 2411 Downstream #2







#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

triampatt tribits in 241	1-03			Site Location Description: Forest Service Road creek crossing FR 2225			
Site GPS Coordinates:	437240E 4051375N		2223				
Date & Time: 6-18-05	3:40PM		Facility Name:	Facility Name:			
Personnel: Jeff Woodw	ard		Permit Number	Permit Number: Weather Conditions for Past 7 days: Hot & Sunny			
Current Weather Condit	ions: 80 sunny		Weather Cond				
Photo Ids: Upstream: v	vbu2411-03 Do	wnstream:	wbd2411-03 Oth				
es Observed*:							
Swimming	Skin diving		SCUBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		Boating	Wading	Rafting		
Hunting	Trapping		Fishing	None of the above	Other:		
Describe: (include numb	per of individuals re	creating, fr	equency of use, phot	o-documentation of evidence	of recreational uses, etc		
rrounding Conditio				uses. Attach photos of evide			
rrounding Conditions of interest.)	ns*: (Mark all that	promote or					
rrounding Conditions of interest.)	ns*: (Mark all that	promote or	r impede recreational	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)	ns*: (Mark all that	promote or	r impede recreational C conservation lands onal forests	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	promote or	r impede recreational C conservation lands onal forests	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	promote or MDC	r impede recreational C conservation lands onal forests o slopes	uses. Attach photos of evide  Urban areas  Nature trails  Other:	nce or unusual		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	promote or MDC	r impede recreational C conservation lands onal forests	uses. Attach photos of evide	nce or unusual  Campgrounds  Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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### Data Sheet B - Site Characterization

Page Two - WBID #2411-03:

Pool W			Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
	idth (ft):	7	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
F74 (c)	idth (ft):	9	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
⊠ Flow Pr	resent?	☐ Yes	⊠ No	Estimated (f	ft³/sec):		
ownstream	View !	Physica	Dimensions:				
Riffle W	idth (ft):	1	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run W	Width (ft): Length (ft):		Avg. Depth	(fi);	Max. Depth (ft):		
⊠ Pool W	idth (ft):	20	Length (ft): 15	5 Avg. Depth	(ft): 2	Max. Depth (ft):	4
⊠ Flow Pr	resent?	⊠ Yes	□No	Estimated (i	ft <sup>3</sup> /sec):		
Algea on rock	s teristics	*: (Mark	all that apply.)	algal growth at the asse			
Odor:		Sewage	Musky	Chemical	⊠ None	Other:	
Color:		Clear	Green	Gray	Milky	Other:	
Surface Depos	The same of the sa			THE CASE OF STREET, ST		The state of the s	
Bottom Depos	it:	Sludge	Solids Scum	Fine sediments	⊠ None  ⊠ None	Other:	

WBID 2411 Downstream #3







Private WB2411:002 County Rd 2218 County Rd 2200 Lake 39.5

East Fork Rock Cr. (WB2411)
Barry County, Missouri